

WE CLAIM:

1. A method for distributed data mining, comprising the steps of:
invoking agents by a mediator;
beginning attribute and value selection by a plurality of agents;
passing a best attribute and value pair from each of said plurality of agents to said mediator;
selecting a winning agent from said plurality of agents by said mediator;
notifying each of said plurality of agents of said winning agent;
initiating data splitting by said winning agent;
forwarding split data index information from said winning agent to said mediator;
generating and saving partial rules; and
outputting complete rules.
2. A method as claimed in claim 1, wherein said plurality of agents include non-winning agents, and further comprising the step of:
obtaining split data index information by said non-winning agents from said mediator.
3. A method as claimed in claim 1, wherein said split data index information is compressed.